

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 18417
Application ID: 10065261
Title of Invention: Search Engine For Large Database
Search Using Hash Pointers
First Named Inventor: Paul Cheng
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-30
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 60409.300902
Digital Certificate Holder: cn=Raymond E. Roberts, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: bjo4iMFDENMJ0e7aXkFe6A==
Total Fees Authorized: \$410.0
Payment Category: DA - Deposit Account
Deposit Account Number: 83240
Deposit Account Name: Raymond E. Roberts



TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket

Number:

60409.300902

Submission Type: Utility
Patent Filing

Search Engine For Large Database Search Using Hash Pointers

First Named Inventor: Paul Cheng

SUBMITTED BY

| | |
|----------------------------|------------------------|
| Name: | Mr. Raymond E. Roberts |
| Registration Number: | 38,597 |
| Electronic Signature Mark: | Date Signed: 20020930 |
| RER300902 | |

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|------------------|---------------|
| declaration | Dec902.tif |
| specification | 300902.xml |
| bibd-transmittal | ePaveapds.xml |
| fee-transmittal | ePavefee.xml |

patent-assignments

ePaveasgn.xml

Attached Image File(s):

Dec902.tif

Comments:

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Small Entity

Small Business Concern

TOTAL FEES AUTHORIZED: \$ 410

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 08-3240



Deposit Account Name: Intellectual Property Law Offices

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Raymond E. Roberts

Electronic Signature Mark: RER300902

Date Signed: 20020930

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 201 | \$ 370 |

Subtotal For Basic Filing Fee: \$ 370

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 11 | 203 | \$ 9 | 0 | \$ 0 |
| Independent Claims: 3 | 202 | \$ 42 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40